Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

EMB

"FIRST AND FINAL BILL"

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

PRE-MEASUREMENT SHEETS

"FIRST AND FINAL BILL"

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 06-03-2023

Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock								
Doddbettahalli Govt School								
For Ranga Mandhir Footing	12	1.80			1.80	1.85	71.93	
CCL								
	2	14.60			0.90	1.20	31.54	
	1	9.80			0.90	1.15	10.14	
Sump	1	4.40			3.40	2.40	35.90	
Skin Wall	1	17.00			0.90	1.05	16.07	
Entrance Main Gate Foundation	1	7.60			0.90	1.80	12.31	
Columns	2	1.80			0.45	1.80	2.92	
Doddbettahalli Govt School								
Cobble Stone								
School Front-1								
CH: 00.00m to 15.00m	1	15.00	3.10	2.75	2.93	0.30	13.16	
CH: 15.00m to 30.00m	1	15.00	2.75	2.70	2.73	0.30	12.26	
CH: 15.00m to 31.00m	1	1.00	2.00	2.70	2.35	0.30	0.71	
School Front-2								
CH: 00.00m to 15.00m	1	15.00	10.30	11.00	10.65	0.30	47.93	
CH: 15.00m to 30.00m	1	15.00	11.00	11.90	11.45	0.30	51.53	
CH: 30.00m to 35.00m	1	5.00	5.00	5.00	5.00	0.30	7.50	
Deduction	-1	2.00	2.10	2.15	2.13	0.30	-1.28	
Deduction	-1	1.50	1.60	2.00	1.80	0.30	-0.81	
Right Side								
Area Of Traingle B=16.7 H=18.5		0.5*[16.7*18.5]				0.30	46.62	
Doddbettahalli Govt School								
Kerb Stone								
School Front-1								
CH: 00.00m to 15.00m	1	15.00			0.20	0.20	0.60	
CH: 15.00m to 31.00m	1	16.00			0.20	0.20	0.64	
Inside Surrounding School Area								
CH: 00.00m to 3.80m	1	3.80			0.20	0.20	0.15	
CH:.0.00m to 17.50m	1	13.70			0.20	0.20	0.55	
Gap								
Left Side								
CH: 00.00m to 7.90m	1	7.90			0.20	0.20	0.32	
CH: 00.00m to 12.80m	1	12.80			0.20	0.20	0.51	
						Present Qty	**361.19**	**Cum**

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Asst. Engineer

Asst. Exec. Engineer

(2)

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 8-03-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.						
Doddbettahalli Govt School						
For Ranga Mandhir Footing	12	1.80	1.80		38.88	
CCL						
	2	14.60	0.90		26.28	
	1	9.80	0.90		8.82	
Sump	1	4.40	3.40		14.96	
Skin Wall	1	17.00	0.90		15.30	
Entrance Main Gate Foundation	1	7.60	0.90		6.84	
Columns	2	1.80	0.45		1.62	
				Present Qty	**112.70**	**Sqm**

ಯಲಹಂಕ ವಲಯ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು-106

Asst. Engineer

Asst. Exec. Engineer

ಯಲಹಂಕ ವಲಯ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು-106

③

[illegible] Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

[illegible]urement Recorded On: 08-03-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification.						
Doddbettahalli Govt School						
For Ranga Mandhir Footing	12	1.80	1.80	0.30	11.66	
CCL						
	2	14.60	0.90	0.30	7.88	
	1	9.80	0.90	0.30	2.65	
Sump	1	4.40	3.40	0.30	4.49	
Skin Wall	1	17.00	0.90	0.30	4.59	
Entrance Main Gate Foundation	1	7.60	0.90	0.30	2.[illegible]	
Columns	2	1.80	0.45	0.30	[illegible]	
					Present Qty	**[illegible].81**	**Cum**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor | Asst. Engineer | Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 18-04-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.						
Doddbettahalli Govt School						
Total Eartwork Qty					361.19	
Deduction For Broken Metal Qty	-1				-33.81	
Deduction For PCC Qty	-1				-164.06	
Deduction For SSM Qty	-1				-40.42	
Deduction For Footing	-1				-20.09	
Deduction For Column	-1				-17.62	
					276.01	
				Present Qty	85.18	**Cum**
				Limited To	36.63	**Cum**

...actor

Asst. Engineer

Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 13-03-2023

Item No	Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
	Providing and laying in position plain cement concrete Mix 1:4:8(M5) Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately).								
	Doddbettahalli Govt School								
	For Ranga Mandhir Footing	12	1.80			1.80	0.15	5.83	
	CCL								
		2	14.60			0.90	0.15	3.94	
		1	9.80			0.90	0.15	1.32	
	Sump	1	4.40			3.40	0.15	2.24	
	Skin Wall	1	17.00			0.90	0.15	2.30	
	Entrance Main Gate Foundation	1	7.60			0.90	0.15	1.03	
	Columns	2	1.80			0.45	0.15	0.24	
	For Flooring								
	CH: 00.00m to 14.65m	1	14.65			10.90	0.15	23.95	
	For Stage								
	CH: 00.00m to 10.00m	1	10.00			3.80	0.15	5.70	
	Entrance Steps								
	CH: 00.00m to 13.90m	1	13.90			0.30	0.15	0.63	
	For RCC Drain								
	CH: 00.00m to 26.60m	1	26.60			1.20	0.15	4.79	
	Doddbettahalli Govt School								
	Cobble Stone								
	School Front-1								
	CH: 00.00m to 15.00m	1	15.00	3.10	2.75	2.93	0.20	8.78	
	CH: 15.00m to 30.00m	1	15.00	2.75	2.70	2.73	0.20	8.18	
	CH: 15.00m to 31.00m	1	1.00	2.00	2.70	2.35	0.20	0.47	
	School Front-2								
	CH: 00.00m to 15.00m	1	15.00	10.30	11.00	10.65	0.20	31.95	
	CH: 15.00m to 30.00m	1	15.00	11.00	11.90	11.45	0.20	34.35	
	CH: 30.00m to 35.00m	1	5.00	5.50	5.20	5.35	0.20	5.35	
	Deduction	-1	2.00	2.10	2.15	2.13	0.20	-0.85	
	Deduction	-1	1.50	1.60	2.00	1.80	0.20	-0.54	
	Right Side								
	Area Of Traingle B=16.7 H=18.5		0.5*[16.7*18.5]				0.15	23.31	
	Kerb Stone								
	School Front-1								
	CH: 00.00m to 15.00m	1	15.00			0.20	0.15	0.45	
	CH: 15.00m to 31.00m	1	16.00			0.20	0.15	0.48	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತ ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...ector

Asst. Engineer

Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
Inside Surrounding School Area								
CH: 00.00m to 3.80m	1	3.80			0.20	0.15	0.11	
CH:.0.00m to 17.50m	1	13.70			0.20	0.15	0.41	
Gap								
Left Side								
CH: 00.00m to 7.90m	1	7.90			0.20	0.15	0.24	
CH: 00.00m to 12.80m	1	12.80			0.20	0.15	0.38	
						Present Qty	**165.04**	**Cum**

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Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

(7)

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 18-03-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
6	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all						
	Doddbettahalli Govt School						
	For Ranga Mandhir Footing	12	1.50	1.50	0.60	16.20	
	Entrance Main Gate Footing	2	1.80	1.80	0.60	3.89	
					Present Qty	20.09	Cum

Contractor

Asst. Engineer

Asst. Exee. Engineer

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 21-03-2023 , 27-03-2023

n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all						
	Doddbettahalli Govt School						
	Column Upto Plinth						
	Column Pedestral	12	0.75	0.75	0.95	6.41	
	For Gate	2	0.90	0.90	0.75	1.22	
	For Sump						
	Bottam Raft	1	4.00	2.60	0.30	3.12	
	Side Walls	2	3.80	0.25	2.20	4.18	
		2	2.40	0.25	2.20	2.64	
					Present Qty	**17.57**	**Cum**

Contractor Asst. Engineer Asst. Exec. Engineer

(9)

…e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

…surement Recorded On: 28-03-2023

…1	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel						
	Doddbettahalli Govt School						
	Column Above Plinth						
	Column For Gate	2	0.45	0.45	3.60	1.46	
	Head Room Columns	4	0.45	0.20	1.95	0.70	
					Present Qty	2.16	Cum

…actor

Asst. Engineer

Asst. Exe. Engineer

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 01-04-2023 , 06-04-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of						
Doddbettahalli Govt School						
Plinth Beam						
	2	14.60	0.45	0.45	5.91	
	1	9.80	0.45	0.45	1.98	
Skin Wall	1	17.00	0.40	0.20	1.36	
Sump Slab	1	4.00	2.60	0.15	1.56	
For Gate Plinth Beam	1	6.60	0.45	0.45	1.34	
For Gate Top Beam	1	6.60	0.45	0.45	1.34	
At Rangamandhir						
Entrance Steps						
CH: 00.00m to 13.90m	4	13.90	0.25	0.15	2.09	
Head Room Beam						
	2	6.00	0.20	0.30	0.72	
	2	0.30	0.20	0.30	0.04	
Head Room Slab						
	1	6.90	3.85	0.15	3.98	
				Present Qty	**20.32**	**Cum**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

ctor | Asst. Engineer | Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

rement Recorded On: 27-03-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 ement : 6 coarse sand)						
oddbettahalli Govt School						
or SSM						
oundation 1st Step						
	2	14.60	0.75	0.40	8.76	
	1	9.80	0.75	0.40	2.94	
ntrance Steps						
	1	13.90	0.75	0.40	4.17	
kin Wall	1	17.00	0.75	0.45	5.74	
oundation 2nd Step						
	2	14.60	0.60	0.40	7.01	
	1	9.80	0.60	0.40	2.35	
ntrance Steps						
	1	13.90	0.60	0.40	3.34	
kin Wall	1	17.00	0.60	0.60	6.12	
				Present Qty	**40.42**	**Cum**

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೆ.ಬೃ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

(12)

…e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

…surement Recorded On: 29-03-2023 & 07-04-2023

Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
Providing and laying in position Reinforced cement concrete Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical								
Doddbettahalli Govt School								
For SSM								
Coping Concrete								
	2	14.60			0.40	0.10	1.17	
	1	9.80			0.40	0.10	0.39	
Skin Wall	1	17.00			0.40	0.10	0.68	
Doddbettahalli Govt School								
Cobble Stone								
School Front-1								
CH: 00.00m to 15.00m	1	15.00	3.10	2.75	2.93	0.10	4.39	
CH: 15.00m to 30.00m	1	15.00	2.75	2.70	2.73	0.10	4.09	
CH: 15.00m to 31.00m	1	1.00	2.00	2.70	2.35	0.10	0.24	
School Front-2								
CH: 00.00m to 15.00m	1	15.00	10.30	11.00	10.65	0.12	[illegible]9.17	
CH: 15.00m to 30.00m	1	15.00	11.00	11.90	11.45	0.12	20.61	
CH: 30.00m to 35.00m	1	5.00	5.00	5.00	5.00	0.11	2.63	
Deduction	-1	2.00	2.10	2.15	2.13	0.10	-0.43	
Deduction	-1	1.50	1.60	2.00	1.80	0.10	-0.27	
Right Side								
Area Of Traingle B=16.7 H=18.5		0.5*[16.7*18.5]				0.10	15.54	
						Present Qty	**68.20**	**Cum**

…ctor

Asst. Engineer

Asst. Exec. Engineer

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 14-03-2023

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be							
For Rangamadhir							
For Column Footing							
Main Bar 16mm dia @100mm c/c							
d=1.58kg/m							
Distrubution Bar 12mm dia @100mm c/c							
d=0.89kg/m							
	12	20	2.00		1.58	758.40	
	12	20	2.00		0.89	427.20	
For Gate							
For Column Footing							
Main Bar 16mm dia @100mm c/c							
d=1.58kg/m							
Distrubution Bar 16mm dia @100mm c/c							
d=1.58kg/m							
	2	20	2.00		1.58	126.40	
	2	20	2.00		1.58	126.40	
Sump							
Bottom Raft							
Double Mat							
Main Bar 12mm dia @100mm c/c							
d=0.89kg/m							
Distrubution Bar 12mm dia @100mm c/c							
d=0.89kg/m							
		52	4.00		0.89	185.[illegible]	
		80	2.60		0.89	185.12	
Sump Wall							
Double Mat							
Main Bar 12mm dia @100mm c/c							
d=0.89kg/m							
Distrubution Bar 12mm dia @100mm c/c							
d=0.89kg/m							
	2	48	3.80		0.89	324.67	
	2	76	2.40		0.89	324.67	
Deduct Opening[0.6*0.6m]	-2	4	0.60		0.89	-4.27	

Asst.Engineer

Asst.Exec.Engineer

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Covering Slab							
Double Mat							
Main Bar 12mm dia @100mm c/c							
d=0.89kg/m							
Distrubution Bar 12mm dia @100mm c/c							
d=0.89kg/m							
		52	4.00		0.89	185.12	
		80	2.60		0.89	185.12	
At Gate							
Plinth Beam							
Total Length=6.0m							
16mm dia @8 nos Rods		8	6.60		1.58	83.42	
d=1.58kg/m							
8mm dia @125mm c/c Striups		53	1.25		0.39	25.74	
d=0.39kg/m							
At Gate							
Top Beam							
Total Length=6.0m							
16mm dia @6 nos Rods		6	6.60		1.58	62.57	
d=1.58kg/m							
8mm dia @100mm c/c Striups		66	1.60		0.39	41.18	
d=0.39kg/m							
At RangaMandhir And Skin Wall							
Plinth Beam							
Total Length=56.00m							
16mm dia @8 nos Rods		8	56.00		1.58	707.84	
d=1.58kg/m							
8mm dia @100mm c/c Striups		560	1.25		0.39	273.00	
d=0.39kg/m							
At RangaMandhir							
Rcc Column 12 nos							
16mm dia @8 nos Rods	12	8	3.00		1.58	455.04	
d=1.58kg/m							
12mm dia @4nos Rods	12	6	3.00		0.89	192.24	
d=0.89kg/m							
8mm dia @100mm c/c Striups	12	30	3.00		0.39	421.20	
d=0.39kg/m							
At Gate							
Rcc Column 2nos							
16mm dia @8 nos Rods	2	8	4.40		1.58	111.23	
d=1.58kg/m							
12mm dia @4nos Rods	2	6	4.40		0.89	46.99	
d=0.89kg/m							
8mm dia @100mm c/c Striups	2	44	1.30		0.39	44.62	

ctor

Asst.Engineer

ಸಹಾಯಕ Asst.Exec.Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

n	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	d=0.39kg/m							
	At Head Room							
	Rcc Column 4nos							
	16mm dia @6 nos Rods	4	6	2.00		1.58	75.84	
	d=1.58kg/m							
	12mm dia @4nos Rods	4	4	2.00		0.89	28.48	
	d=0.89kg/m							
	8mm dia @125mm c/c Striups	4	28	1.30		0.39	56.78	
	d=0.39kg/m							
	At Head Room							
	Beam							
	Total Length=6.0m							
	16mm dia @6 nos Rods	2	6	18.00		1.58	341.28	
	d=1.58kg/m							
	8mm dia @100mm c/c Striups	2	175	1.25		0.39	170.63	
	d=0.39kg/m							
	Head Room Covering Slab							
	Double Mat							
	Main Bar 12mm dia @115mm c/c							
	d=0.89kg/m							
	Distrubution Bar 10mm dia @125mm c/c							
	d=0.61kg/m							
			66	6.90		0.89	405.31	
			110	3.85		0.61	258.34	
						Present Qty	6626.15	Kgs

cto

Asst.Engineer

Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

isurement Recorded On: 28-04-2023

n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.						
	Doddbettahalli Govt School						
	At Rangamadhir						
	For Compound Wall'						
	Back Side						
	CH: 00.00m to 9.80m	1	9.80		2.10	20.58	
	Left Side						
	CH: 00.00m to 3.90m	1	3.90		1.10	4.29	
	Right Side						
	CH: 00.00m to 3.90m	1	3.90		1.10	4.29	
					Present Qty	29.16	Sqm
					Limited To	27.00	Sqm

ctor

Asst. Engineer

Asst. Exec. Engineer

(17)

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

asurement Recorded On: 28-04-2023

n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. For Second Floor						
	Doddbettahalli Govt School						
	Head Room						
		2	5.50		1.95	21.45	
		2	3.00		1.95	11.70	
	Deduction						
	Door	-1	0.90		2.10	-1.89	
	Window	-1	1.50		1.50	-2.25	
					Present Qty	29.01	Sqm

ractor

Asst. Engineer

Asst. Exe. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

isurement Recorded On: 8-05-2023

n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.						
	At Rangamadhir						
	For Compound Wall'						
	CH: 00.00m to 9.80m	2	9.80		2.10	41.16	
	Left Side						
	CH: 00.00m to 3.90m	2	3.90		1.10	8.58	
	Right Side						
	CH: 00.00m to 3.90m	2	3.90		1.10	8.58	
					Present Qty	58.32	Sqm

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ctor

Asst. Engineer

ಸಹಾಯಕ Asst. Exe. Engineer ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 10-05-2023

...n ...)	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.						
	External Plastering						
	Doddbettahalli Govt School						
	Head Room						
		2	5.50		2.10	23.10	
		2	3.00		2.10	12.60	
	Deduction						
	Door	-1	0.90		2.10	-1.89	
	Window	-1	1.50		1.50	-2.25	
	Internal Plastering						
	Doddbettahalli Govt School						
	Head Room						
		2	5.10		1.95	19.89	
		2	2.60		1.95	10.14	
	Deduction						
	Door	-1	0.90		2.10	-1.89	
	Window	-1	1.50		1.50	-2.25	
					Present Qty	**57.45**	**Sqm**

...actor

Asst. Engineer

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ame of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04							
Detailed Measurements							
easurement Recorded On: 06-05-2023							
Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
17	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge..						
	Doddbettahalli Govt School						
	Head Room Ceiling						
		1	5.50	3.00		16.50	
		1	3.85	0.90		3.47	
						Present Qty 19.96	**Sqm**

actor

Asst. Engineer

Asst. Exec. Engineer

(21)

...me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...asurement Recorded On: 22-03-2023

...m ...)	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
)	Earth work excavation by manual means In all kinds of soils Depth upto 1.5 m for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift						
	Doddbettahalli Govt School						
	RCC Drain						
	CH: 0.00m to 26.60m	1	26.60	1.20	1.15	36.71	
					Present Qty	**36.71**	**Cum**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ...
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿ...
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10...

...actor

Asst. Engineer

Asst. Exec. Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತ...
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾ...
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10...

(52)

...of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...urement Recorded On: 28-03-2023 , 01-04-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid						
Doddbettahalli Govt School						
RCC Drain Raft						
CH: 0.00m to 26.60m	1	26.60	0.90	0.15	3.59	
RCC Drain Wall						
CH: 0.00m to 26.60m	2	26.60	0.15	0.85	6.78	
				Present Qty	10.37	Cum
				Limited To	10.12	Cum

...tor

Asst. Engineer

Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 27-03-2023

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation / Substructure / Superstructure complete as per Drawing and Technical Specifications.							
Doddbettahalli Govt School							
Total Drain Length=26.60m							
Main Bar 10mm dia @115mm c/c							
d=0.61kg/m							
Distrubution Bar 10mm dia @150mm c/c							
d=0.61kg/m							
No of U Bars=231		231	2.50		0.61	352.28	
No of distrubution Bars=16		16	26.60		0.61	259.62	
						611.89	
					Present Qty	0.61	Tn

tor

Asst. Engineer

Asst. Exec. Engineer

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

rement Recorded On: 14-03-2023

Discription of Item	No	Length			A.Breadth	Depth	Qty	Unit
Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour, rolling, water, all materials,usage& all other appurtenaces								
Doddbettahalli Govt School								
Cobble Stone								
School Front-1								
CH: 00.00m to 15.00m	1	15.00	3.10	2.75	2.93	0.30	13.16	
CH: 15.00m to 30.00m	1	15.00	2.75	2.70	2.73	0.30	12.26	
CH: 15.00m to 31.00m	1	1.00	2.00	2.70	2.35	0.30	0.71	
School Front-2								
CH: 00.00m to 15.00m	1	15.00	10.30	11.00	10.65	0.30	47.93	
CH: 15.00m to 30.00m	1	15.00	11.00	11.90	11.45	0.30	51.53	
CH: 30.00m to 35.00m	1	5.00	5.50	5.20	5.35	[illegible]	[illegible]	
Deduction	-1	2.00	2.10	2.15	2.13	0.30	[illegible]	
Deduction	-1	1.50	1.60	2.00	1.80	0.30	0.81	
Right Side								
Area Of Traingle B=16.7 H=18.5		0.5*[16.7*18.5]				0.30	46.62	
						Present Qty	**178.14**	**Cum**

Asst. Engineer

Asst. Exec. Engineer

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 21-03-2023

l	Discription of Item	No	Length			A.Breadth	Depth	Qty	Unit
	Construction of Granular Sub-Base For Grading -II Material of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401.								
	Doddbettahalli Govt School								
	Cobble Stone								
	School Front-1								
	CH: 00.00m to 15.00m	1	15.00	3.10	2.75	2.93	0.20	8.78	
	CH: 15.00m to 30.00m	1	15.00	2.75	2.70	2.73	0.20	8.18	
	CH: 15.00m to 31.00m	1	1.00	2.00	2.70	2.35	0.20	0.47	
	School Front-2								
	CH: 00.00m to 15.00m	1	15.00	10.30	11.00	10.65	0.20	31.95	
	CH: 15.00m to 30.00m	1	15.00	11.00	11.90	11.45	0.20	34.35	
	CH: 30.00m to 35.00m	1	5.00	5.50	5.20	5.35	0.20	5.35	
	Deduction	-1	2.00	2.10	2.15	2.13	0.20	[illegible]	
	Deduction	-1	1.50	1.60	2.00	1.80	0.20	[illegible]	
	Right Side								
	Area Of Traingle B=16.7 H=18.5		0.5*[16.7*18.5]				0.20	31.08	
							Present Qty	**118.76**	**Cum**

ictor

Asst. Engineer

Asst. Exec. Engineer

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 2-05-2023

	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Supplying heavy gauge PVC conduit pipe…… dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. a) 19/20 mm dia 2 mm thick.						
	Doddbettahalli Govt School						
	19/20 mm Dia 2mm Thick						
	Concelaed Conduit System						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
					Present Qty	**150.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

27

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 2-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Supplying heavy gauge PVC conduit pipe…… dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. b) 25mm dia 2mm thick.						
Doddbettahalli Govt School						
25 mm Dia 2mm Thick						
Concelaed Conduit System						
CH: 0.00m to 30.00m	1	30.00			30.00	
CH: 30.00m to 60.00m	1	30.00			30.00	
CH: 60.00m to 90.00m	1	30.00			30.00	
CH: 90.00m to 120.00m	1	30.00			30.00	
				Present Qty	**120.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 2-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Supplying…… mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary. a) 19/20 mm dia 2 mm thick.						
Doddbettahalli Govt School						
19/20 mm Dia 2mm Thick						
Concelaed Conduit System						
CH: 0.00m to 30.00m	1	30.00			30.00	
CH: 30.00m to 60.00m	1	30.00			30.00	
CH: 60.00m to 90.00m	1	30.00			30.00	
CH: 90.00m to 120.00m	1	30.00			30.00	
CH: 120.00m to 150.00m	1	30.00			30.00	
				Present Qty	**150.00**	**M**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst. Exe. Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 3-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Supplying…… mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.						
Doddbettahalli Govt School						
25 mm Dia 2mm Thick						
Concelaed Conduit System						
CH: 0.00m to 30.00m	1	30.00			30.00	
CH: 30.00m to 60.00m	1	30.00			30.00	
CH: 60.00m to 90.00m	1	30.00			30.00	
CH: 90.00m to 120.00m	1	30.00			30.00	
				Present Qty	120.00	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ, ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

(30)

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 3-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary. a) 19/20 mm dia 2 mm thick.						
Doddbettahalli Govt School						
19/20 mm Dia 2mm Thick						
Concelaed Conduit System						
CH: 0.00m to 30.00m	1	30.00			30.00	
CH: 30.00m to 60.00m	1	30.00			30.00	
CH: 60.00m to 90.00m	1	30.00			30.00	
CH: 90.00m to 120.00m	1	30.00			30.00	
CH: 120.00m to 150.00m	1	30.00			30.00	
				Present Qty	**150.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 3-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.						
Doddbettahalli Govt School						
25 mm Dia 2mm Thick						
Concelaed Conduit System						
CH: 0.00m to 30.00m	1	30.00			30.00	
CH: 30.00m to 60.00m	1	30.00			30.00	
CH: 60.00m to 90.00m	1	30.00			30.00	
CH: 90.00m to 120.00m	1	30.00			30.00	
				Present Qty	**120.00**	M

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

rement Recorded On: 3-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work cpmplete.a)12xx"12"x3" (330x300x76mm)						
Doddbettahalli Govt School						
2xx"12"x3" (330x300x76mm)		12.00			12.00	
				Present Qty	12.00	M

Contractor

Asst.Engineer

Asst.Exe.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

(33)

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 03-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
b)12"x9"x3" (300x228x76)						
b)12"x9"x3" (300x228x76)		6			6.00	
				Present Qty	**6.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

…e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

…surement Recorded On: 04-05-2023

…l	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. b. 1.5 sqmm						
	Doddbettahalli Govt School						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 180.00m	1	30.00			30.00	
	CH: 180.00m to 210.00m	1	30.00			30.00	
	CH: 210.00m to 220.00m	1	10.00			10.00	
					Present Qty	**220.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

(35)

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 04-05-2023

...n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. C. 2.5 sqmm						
	Doddbettahalli Govt School						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 180.00m	1	30.00			30.00	
					Present Qty	**180.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 04-05-2023

l	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. D. 4 sqmm						
	Doddbettahalli Govt School						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
					Present Qty	**120.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 05-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm …. Etc as required. 20mm.						
Doddbettahalli Govt School						
CH: 0.00m to 10.00m	1	10.00			10.00	
				Present Qty	**10.00**	**M**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

MEASUREMENT SHEETS

“SECOND AND PART BILL

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth								
Vide Premeasurement page no. 01					361.19			
				Present Qty	**361.19**	**Cum**	**256.06**	**92485.00**
Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.								
Vide Premeasurement page no. 02					112.70			
				Present Qty	**112.70**	**Sqm**	**106.22**	**11972.00**
Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification.								
Vide Premeasurement page no. 03					33.81			
				Present Qty	**33.81**	**Cum**	**2863.58**	**96818.00**
Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.								
Vide Premeasurement page no. 04					36.63			
				Present Qty	**36.63**	**Cum**	**228.10**	**8356.00**
Providing and laying in position plain cement concrete Mix 1:4:8(M5) Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of								
Vide Premeasurement page no. 05 - 06					165.04			
				Present Qty	**165.04**	**Cum**	**5821.09**	**960697.00**
Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing								
Vide Premeasurement page no. 07					20.09			
				Present Qty	**20.09**	**Cum**	**6900.96**	**138627.00**
Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators,								
Vide Premeasurement page no. 08					17.57			
				Present Qty	**17.57**	**Cum**	**7369.95**	**129472.00**

Asst. Engineer

Asst. Exe. Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS								
Vide Premeasurement page no. 09					2.16			
Present Qty					**2.16**	**Cum**	**7608.56**	**16435.00**
Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to								
Vide Premeasurement page no. 10					20.32			
Present Qty					**20.32**	**Cum**	**8300.25**	**168630.00**
Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)								
Vide Premeasurement page no. 11					40.42			
Present Qty					**40.42**	**Cum**	**5984.34**	**241908.00**
Providing and laying in position Reinforced cement concrete Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing								
Vide Premeasurement page no. 12					68.20			
Present Qty					**68.20**	**Cum**	**6574.72**	**448397.00**
Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured								
Vide Premeasurement page no. 13 - 15					6626.15			
Present Qty					**6626.15**	**Kgs**	**107.34**	**711267.00**
Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per								
Vide Premeasurement page no. 16					27.00			
Present Qty					**27.00**	**Sqm**	**1337.31**	**36108.00**
Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. For Second Floor								
Vide Premeasurement page no. 17					29.01			
Present Qty					**29.01**	**Sqm**	**1364.05**	**39572.00**
Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
Vide Premeasurement page no. 18					58.32			
Present Qty					**58.32**	**Sqm**	**334.33**	**19498.00**

tor   Asst. Engineer   Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿ
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-10

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
	Vide Premeasurement page no. 19					57.45			
	Present Qty					57.45	Sqm	341.02	19592.00
	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge..								
	Vide Premeasurement page no. 20					19.96			
	Present Qty					19.96	Sqm	242.93	4849.00
	Earth work excavation by manual means In all kinds of soils Depth upto 1.5 m for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the								
	Vide Premeasurement page no. 21					36.71			
	Present Qty					36.71	Cum	207.98	7635.00
	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality,								
	Vide Premeasurement page no. 22					10.12			
	Present Qty					10.12	Cum	7006.78	70909.00
	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation / Substructure / Superstructure complete as per Drawing and Technical Specifications.								
	Vide Premeasurement page no. 23					0.61			
	Present Qty					0.61	Tn	93998.40	57340.00
	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour, rolling, water, all materials,usage& all other appurtenaces								
	Vide Premeasurement page no. 24					178.14			
	Present Qty					178.14	Cum	449.50	80074.00
	Construction of Granular Sub-Base For Grading -II Material of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401.								
	Vide Premeasurement page no. 25					118.76			
	Present Qty					118.76	Cum	2680.21	318302.00
	Supplying heavy gauge PVC conduit pipe...... dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. a) 19/20 mm dia 2 mm thick.								
	Vide Premeasurement page no. 26					150.00			
	Present Qty					150.00	m	69.12	10369.00

tor

Asst. Engineer

Asst. Exec Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-100

m o	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
0	Supplying heavy gauge PVC conduit pipe…… dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. b) 25mm dia 2mm thick.								
	Vide Premeasurement page no. 27					120.00			
	Present Qty					**120.00**	m	**81.32**	**9759.00**
1	Supplying…… mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary. a) 19/20 mm dia 2 mm thick.								
	Vide Premeasurement page no. 28					150.00			
	Present Qty					**150.00**	m	**62.01**	**9301.00**
2	Supplying…… mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.								
	Vide Premeasurement page no. 29					120.00			
	Present Qty					**120.00**	m	**71.16**	**8539.00**
13	Groove cutting in the wall supplying…..dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary. a) 19/20 mm dia 2 mm thick.								
	Vide Premeasurement page no. 30					150.00			
	Present Qty					**150.00**	m	**76.24**	**11436.00**
14	Groove cutting in the wall supplying…..dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.								
	Vide Premeasurement page no. 31					120.00			
	Present Qty					**120.00**	m	**81.32**	**9759.00**
50	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work cpmplete.a)12xx"12"x3" (330x300x76mm)								
	Vide Premeasurement page no. 32					12.00			
	Present Qty					**12.00**	m	**113.85**	**1367.00**
51	b)12"x9"x3" (300x228x76)								
	Vide Premeasurement page no. 33					6.00			
	Present Qty					**6.00**	m	**106.73**	**641.00**
61	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. b. 1.5 sqmm								
	Vide Premeasurement page no. 34					220.00			
	Present Qty					**220.00**	m	**26.43**	**5815.00**
62	c. 2.5 sqmm								
	Vide Premeasurement page no. 35					180.00			
	Present Qty					**180.00**	m	**40.66**	**7319.00**
63	d.4 sqmm								
	Vide Premeasurement page no. 36					120.00			
	Present Qty					**120.00**	m	**60.00**	**7200.00**

tractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm .... Etc as required. 20mm.								
	Vide Premeasurement page no. 37					10.00			
					Present Qty	**10.00**	**m**	**27.45**	**275.00**

ractor

Asst. Engineer

Asst. Exec. Engineer

ಸಹಾಯಕ [illegible]

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾ

[illegible] ಬೆಂಗಳೂರು-10

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements								
rement Recorded On: 26-05-2023								
Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m� over and including priming coat of exterior primer applied @ 2.20 kg/10 m�) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour								
At Rangamadhir								
For Compound Wall'								
CH: 00.00m to 9.80m	2	9.80		2.10	41.16			
Left Side								
CH: 00.00m to 3.90m	2	3.90		1.10	8.58			
Right Side								
CH: 00.00m to 3.90m	2	3.90		1.10	8.58			
				Present Qty	**58.32**	**Sqm**	**152.07**	**8869.00**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 26-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 ltr/10 m� over and including one coat of Special primer applied @ 0.75 ltr /10 m� with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove								
Doddbettahalli Govt School								
External Plastering								
Head Room								
	2	5.50		2.10	23.10			
	2	3.00		2.10	12.60			
Deduction								
Door	-1	0.90		2.10	-1.89			
Window	-1	1.50		1.50	-2.25			
Internal Plastering								
Head Room								
	2	5.10		1.95	19.89			
	2	2.60		1.95	10.14			
Deduction								
Door	-1	0.90		2.10	-1.89			
Window	-1	1.50		1.50	-2.25			
Head Room Ceiling								
	1	5.50	3.00		16.50			
	1	3.85	0.90		3.47			
				Present Qty	**77.42**	**Sqm**	**131.94**	**10215.00**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 26-05-2023

...n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge								
	Doddbettahalli Govt School								
	At Rangamadhir								
	For Compound Wall'								
		2	9.80		2.10	41.16			
	Left Side								
		2	3.90		1.10	8.58			
	Right Side								
		2	3.90		1.10	8.58			
	External Plastering								
	Head Room								
		2	5.50		2.10	23.10			
		2	3.00		2.10	12.60			
	Deduction								
	Door	-1	0.90		2.10	-1.89			
	Window	-1	1.50		1.50	-2.25			
	Internal Plastering								
	Head Room								
		2	5.10		1.95	19.89			
		2	2.60		1.95	10.14			
	Deduction								
	Door	-1	0.90		2.10	-1.89			
	Window	-1	1.50		1.50	-2.25			
	Head Room Ceiling								
		1	5.50	3.00		16.50			
		1	3.85	0.90		3.47			
					Present Qty	**135.74**	**Sqm**	**92.81**	**12598.00**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

easurement Recorded On: 30-05-2023

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.								
	Doddbettahalli Govt School								
	Ground Floor								
	Left Side	1	10.70		2.15	23.01			
	Infront Of Room 3	1	4.00		2.15	8.60			
	Infront Of Room 4	1	4.60		2.15	9.89			
	Infront Of Room 5	1	4.60		2.15	9.89			
	Continue	1	15.00		1.65	24.75			
	Continue	1	1.60		1.65	2.64			
	1st Floor								
	Infront Of Room 1 To 4								
		1	16.15		1.80	29.07			
	Continue								
		1	30.00		1.80	54.00			
		1	1.80		1.80	3.24			
	Infront of Gate-1	1	1.55		2.85	4.42			
	Infront of Gate-2	1	1.50		1.60	2.40			
						171.90			
	Consider 11kg/Sqm					1890.93			
					Present Qty	**1890.93**	**Kgs**		
					Limited To	**1869.21**	**Kgs**	**177.79**	**332320.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

easurement Recorded On: 29-05-2023

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
22	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having a overall size of 60mm width x 45mmheight with reinforcement of 1mm thickness and Sash with								
	Doddbettahalli Govt School								
	For Windows								
	Head Room								
		1	1.50		1.50	2.25			
					Present Qty	**2.25**	**Sqm**	**7168.46**	**16130.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

isurement Recorded On: 01-06-2023

n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
	Doddbettahalli Govt School								
	Head Room Door	1	0.90		2.10	1.89			
	Main Gate	1	4.45		2.85	12.68			
	Wicket Gate	2	1.05		1.75	3.68			
						18.25			
	59kg/Sqm					1076.60			
					Present Qty	**1076.60**	**Kgs**		
					Limited To	**1070.55**	**Kgs**	**136.41**	**146864.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

asurement Recorded On: 2-06-2023

m o	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
4	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
	Doddbettahalli Govt School								
	Grill Work								
	Ground Floor								
	Left Side	1	10.70		2.15	23.01			
	Infront Of Room 3	1	4.00		2.15	8.60			
	Infront Of Room 4	1	4.60		2.15	9.89			
	Infront Of Room 5	1	4.60		2.15	9.89			
	Continue	1	15.00		1.65	24.75			
	Continue	2	1.60		1.65	5.28			
	1st Floor								
	Infront Of Room 1 To 4								
		1	16.15		1.80	29.07			
	Continue								
		1	30.00		1.80	54.00			
		2	1.80		1.80	6.48			
	Infront of Gate-1	1	1.55		2.85	4.42			
	Infront of Gate-2	1	1.50		1.60	2.40			
	For Head Room								
	Head Room Door	2	0.90		2.10	3.78			
	Main Gate	2	4.45		2.85	25.37			
	Wicket Gate	2	1.05		1.75	3.68			
					Present Qty	**210.60**	**Sqm**	**100.63**	**21194.00**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst. Exe. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

rement Recorded On: 3-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of								
Doddbettahalli Govt School								
SS Railings								
Staircase	1	8.05		0.90	7.25			
At Rangamandhir								
Right Side	1	1.50		1.00	1.50			
Middle	1	1.65		1.00	1.65			
Continue								
	1	4.00		1.10	4.40			
	1	3.35		1.10	3.69			
	1	4.00		1.10	4.40			
	1	3.35		1.10	3.69			
	1	3.90		1.15	4.49			
Left Side	1	17.10		1.10	18.81			
At Skin Wall	1	17.00		1.10	18.70			
					68.56			
17.5kg/Sqm					1186.09			
				Present Qty	**1186.09**	**Kgs**	**559.08**	**663113.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst. Exe. Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರ:
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

f Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

ement Recorded On: 3-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
roviding and fixing stainless steel (Grade 304) railing made of Hollow ubes, channels, plates etc., including welding, grinding, buffing, polishing nd making curvature (wherever required) and fitting the same with ecessary stainless steel nuts and bolts complete, i/c fixing the railing with ecessary accessories & stainless steel dash fasteners, stainless steel bolts tc., of required size, on the top of the floor or the side of waist slab with uitable arrangement as per approval of Engineer-in- charge, (for payment urpose only weight of stainless steel members shall be considered excluding ixing accessories such as nuts, bolts, fasteners etc.) including cost of								
oddbettahalli Govt School								
S Railings								
taircase	1	8.05		0.90	7.25			
t Rangamandhir								
ight Side	1	1.50		1.00	1.50			
iddle	1	1.65		1.00	1.65			
ontinue								
	1	4.00		1.10	4.40			
	1	3.35		1.10	3.69			
	1	4.00		1.10	4.40			
	1	3.35		1.10	3.69			
	1	3.90		1.15	4.49			
eft Side	1	17.10		1.10	18.81			
t Skin Wall	1	17.00		1.10	18.70			
					68.56			
7.5kg/Sqm					1186.09			
				Present Qty	**1186.09**	**Kgs**	**559.08**	**663113.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst. Exe. Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

rement Recorded On: 3-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing								
Doddbettahalli Govt School								
Granite								
At Rangamandhir								
For Flooring[Hall]	1	14.65	10.90		159.69			
At Stage	1	10.00	3.80		38.00			
Skirting	2	3.80		0.10	0.76			
Skirting	1	10.00		0.10	1.00			
At Stage Rises	1	11.10		0.15	1.67			
At Stage Thtread	1	11.10	0.30		3.33			
Right Side								
	1	4.00		0.20	0.80			
	1	3.35		0.20	0.67			
	1	4.00		0.20	0.80			
	1	3.35		0.20	0.67			
	1	3.90		0.20	0.78			
Left Side	1	14.70		0.15	2.21			
Entrance Steps								
Threads	4	3.90	0.35		13.90			
Rises	5	[illegible]		0.15	10.43			
				Present Qty	**234.69**			
				Limited To	**223.20**	**Sqm**	**3209.09**	**716269.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor　　Asst.Engineer　　Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

me of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

asurement Recorded On: 5-06-2023

em lo	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and fixing Structural Steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
	Doddbettahalli Govt School								
	Vertical Ms Pole -65kG/Mtr Columns	12	6.00			72.00			
				65kg Per Mtr		4680.00			
	Truss -45kG/Mtr Horizontal Trusses	6	12.00			72.00			
				45kg Per Mtr		3240.00			
	Purlins -20kG/Mtr Purlins	10	18.00			180.00			
				20kg Per Mtr		3600.00			
				Present Qty		**11520.00**	**Kgs**	**116.29**	**1339634.00**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ame of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

easurement Recorded On: 2-06-2023

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
28	Providing and laying non-asbestos high impact polypropylene reinforced corrugated cement roofing sheet reinforced with a blend of strong factory made fibers as per IS:14871 and ISO:9933:1995(E) roofing upto any pitch and fixing with polymer coated J or L hooks,bolts and nuts 8mm dia,G.I plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete but excluding the cost of purlins, rafters and trusses. Including cutting to size and shape of corrugated sheets								
	Doddbettahalli Govt School								
		1	18.00	12.00		216.00			
					Present Qty	**216.00**	**Sqm**	**600.45**	**129657.00**

24/7/2023

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 30-05-2023

...	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Providing and Applying PU based Elastomeric Liquid Applied PU Waterproofing Membrane single component, cold applied, water based acrylic PU dispersion with highly elastic and UV resistant water proofing treatment to the Existing Roof surface/Chajjas/Sunken portion of WC:Bathroom applied @ 1.2L/per m2,having tensile strength greater than								
	Doddbettahalli Govt School								
	Head Room Slab	1	6.90	3.90		26.91			
	Sump	1	4.00	2.60		10.40			
	At Rangamandhir								
	Flooring	1	14.65	10.90		159.69			
					Present Qty	**197.00**	**Sqm**		
					Limited To	**188.41**	**Sqm**	**642.94**	**121136.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 5-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire								
Doddbettahalli Govt School								
Kerb Stone								
School Front-1								
CH: 00.00m to 15.00m	1	15.00			15.00			
CH: 15.00m to 31.00m	1	16.00			16.00			
Inside Surrounding School Area								
CH: 00.00m to 3.80m	1	3.80			3.80			
CH:.0.00m to 17.50m	1	13.70			13.70			
Gap								
Left Side								
CH: 00.00m to 7.90m	1	7.90			7.90			
CH: 00.00m to 12.80m	[illegible]	12.80			12.80			
					69.20			
				Present Qty	**154.00**	**NOS**	**566.90**	**87303.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...ngamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...urement Recorded On: 6-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces.								
Doddbettahalli Govt School								
Kerb Stone								
School Front-1								
CH: 00.00m to 15.00m	1	15.00		0.35	5.25			
CH: 15.00m to 31.00m	1	16.00		0.35	5.60			
Inside Surrounding School Area								
CH: 00.00m to 3.80m	1	3.80		0.35	1.33			
CH:.0.00m to 17.50m	1	13.70		0.35	4.80			
Gap								
Left Side								
CH: 00.00m to 7.90m	1	7.90		0.35	2.77			
CH: 00.00m to 12.80m	1	12.80		0.35	4.48			
				Present Qty	**24.22**	**Sqm**	**95.04**	**2302.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೆ.ಬೃ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in At[illegible]

Detailed Measurements

surement Recorded On: 2-06-2023

Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand										
Doddbettahalli Govt School										
Cobble Stone										
School Front-1										
CH: 00.00m to 15.00m	1	15.00	3.10	2.75	2.93		43.88			
CH: 15.00m to 30.00m	1	15.00	2.75	2.70	2.73		40.88			
CH: 15.00m to 31.00m	1	1.00	2.00	2.70	2.35		2.35			
School Front-2										
CH: 00.00m to 15.00m	1	15.00	10.30	11.00	10.65		159.75			
CH: 15.00m to 30.00m	1	15.00	11.00	11.90	11.45		171.75			
CH: 30.00m to 35.00m	1	5.00	5.50	5.20	5.35		26.75			
Deduction	-1	2.00	2.10	2.15	2.13		-4.25			
Deduction	-1	1.50	1.60	2.00	1.80		-2.70			
Right Side										
Area Of Traingle B=16.7 H=18.5		0.5*[16.7*18.5]					155.40			
						Present Qty	**593.80**	**Sqm**	**1215.43**	**721722.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

asurement Recorded On: 5-06-2023

n)	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
5	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc. c) 135x75x65mm								
	Doddbettahalli Govt School								
		15				15.00			
					Present Qty	15.00	Each	133.16	1998.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 05-06-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
46	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.d)180x90x65mm								
	Doddbettahalli Govt School								
		15				15.00			
					Present Qty	**15.00**	**Each**	**158.00**	**2370.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 05-06-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
47	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.e)200x90x65mm								
	Doddbettahalli Govt School								
		15				15.00			
	Present Qty					**15.00**	**Each**	**171.79**	**2577.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

asurement Recorded On: 05-06-2023

n)	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
3	Supplying and fixing PVC/metal conduit accessories.(3/5) b)25mm junction box								
	Doddbettahalli Govt School								
		20							
						20.00			
					Present Qty	**20.00**	**Each**	**52.00**	**1040.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 06-06-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
49	Supplying and fixing PVC/metal conduit accessories.(3/5) c) 32mm deep junction box								
	Doddbettahalli Govt School								
		20				20.00			
	Present Qty					20.00	Each	70.14	1403.00

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೃ.ಬೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

...surement Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for each outlet. a) Short point up to 3Mtr from tapping point to out let via switchEach point								
Doddbettahalli Govt School								
	10							
					10.00			
Present Qty					**10.00**	**Each**	**281.00**	**2810.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point)								
Doddbettahalli Govt School								
	10				10.00			
				Present Qty	**10.00**	Each	[illegible]2.37	[illegible]

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04									
Detailed Measurements									
Measurement Recorded On: 06-06-2023									
Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
54	Supplying and wiring adopting loop system in existing PVC Conduit /								
	Doddbettahalli Govt School								
		10				10.00			
					Present Qty	**10.00**	**Each**	**255.14**	**2552.00**

Contractor

Asst.Engineer

Asst. Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

...e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04									
Detailed Measurements									
...surement Recorded On: 06-06-2023									
	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing								
	Doddbettahalli Govt School								
		10				10.00			
					Present Qty	**10.00**	**Each**	**248.03**	**2481.00**

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.a) 6Amps one way.								
Doddbettahalli Govt School								
	4				4.00			
Present Qty					**4.00**	**Each**	**89.45**	**358.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

Vork:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements								
nent Recorded On: 06-06-2023								
Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
pplying and fixing of modular switch/ Socket/stepped electronic fan ulator/dimmer/telephone socket etc on existing modular switch te.i) 32Amps DP switch								
ldbettahalli Govt School								
	4				4.00			
Present Qty					4.00	Each	382.00	1528.00

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Asst.Engineer

Asst.Exe.Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04									
Detailed Measurements									
Measurement Recorded On: 06-06-2023									
Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
9	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.j) 6/16Amps universal socket								
	Doddbettahalli Govt School								
		10				10.00			
						Present Qty	**10.00**	**Each**	**254.00**	**2540.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೃ.ಬೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements								
ement Recorded On: 06-06-2023								
Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
upplying and fixing 32Amps security and energy saving DP switch with ey tag suitable to operate on 230 Volts, 50Hz AC supply &completely ired on existing box.								
oddbettahalli Govt School								
	6				6.00			
Present Qty					**6.00**	**Each**	**760.00**	**4560.00**

Contractor

Asst.Engineer

Asst.Exe.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

e of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

surement Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Supplying PVC/GI flexible conduit pipe 20mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely.								
Doddbettahalli Govt School								
	10				10.00			
Present Qty					**10.00**	Nos	25.41	[illegible]

Contractor

Asst.Engineer

Asst. Exec.Engineer

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

ment Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
tra for supplying 4mm thick white plastic plate and covering for junction xes of size 110mm conduit using necessary machine screws. 110mm								
ddbettahalli Govt School								
	10				10.00			
Present Qty					10.00	Nos	12.20	122.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

k:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

t Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
ing a 50mm wooden plug, tapered from 50x50mm to 25x25mm and by using binding wire before concreting a roof slap.								
ttahalli Govt School								
	10				10.00			
				Present Qty	10.00	Nos	8.13	82.00

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ne of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

isurement Recorded On: 06-06-2023

n	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40 A SP.								
	Doddbettahalli Govt School								
		5				5.00			
					Present Qty	**5.00**	**Each**	**738.00**	**3690.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04									
Detailed Measurements									
Measurement Recorded On: 06-06-2023									
Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
69	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40 A DP.								
	Doddbettahalli Govt School								
		10				10.00			
					Present Qty	**10.00**	**Each**	**1388.00**	**13880.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 06-06-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
70	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40 A DP.								
	Doddbettahalli Govt School								
		10				10.00			
	Present Qty					**10.00**	**Each**	**1386.00**	**13860.00**

Contractor

Asst.Engineer

Asst.Exe.Engineer

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 06-06-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
71	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Flouresent Tube. 1 x 4' Tube light fitting.								
	Doddbettahalli Govt School								
		24				24.00			
	Present Qty					**24.00**	**Each**	**316.00**	**7584.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements								
ment Recorded On: 06-06-2023								
Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
applying and fixing of T5 Fluorescent Tube with 14W power nsumption with low 3mg Mercury content & below 40% glass content an T8 lamp & 20% less phosphor coating than T8 with initial lumen on 50 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater an 35000 burring hours. Operating voltage range from 180V to 265V,								
oddbettahalli Govt School								
	24				24.00			
				Present Qty	24.00	Each	175.00	4200.00

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 06-06-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
73	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system. 56" Sweep (1400 mm) Regular model.								
	Doddbettahalli Govt School								
		8				8.00			
	Present Qty					**8.00**	**Each**	**2207.00**	**17656.00**

Contractor

Asst.Engineer

Asst Exec Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

urement Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S" hook with fan regulator to the existing board together with supplying and fixing 5 A. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.								
Doddbettahalli Govt School								
	8				8.00			
Present Qty					**8.00**	**Each**	**165.00**	**1320.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ... ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in ...

Detailed Measurements

...rement Recorded On: 06-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Supplying of recess mounting non integrated type LED down light...... W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clA, LED of Power/COB with CCT 6500 degree K, CRI> 70%. efficacy >100 lumen per W, 120degree beam spread, life> 25000 burning hours and Compliance to IS10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LED's are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should< 5% of lamp Wage, short circuit & open circuit								
Doddbettahalli Govt School								
	20				20.00			
					Present Qty **20.00**	**Each**	**1503.00**	**30060.00**

Contractor

Asst.Engineer

Asst.Exec.Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:-Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04

Detailed Measurements

Measurement Recorded On: 06-06-2023

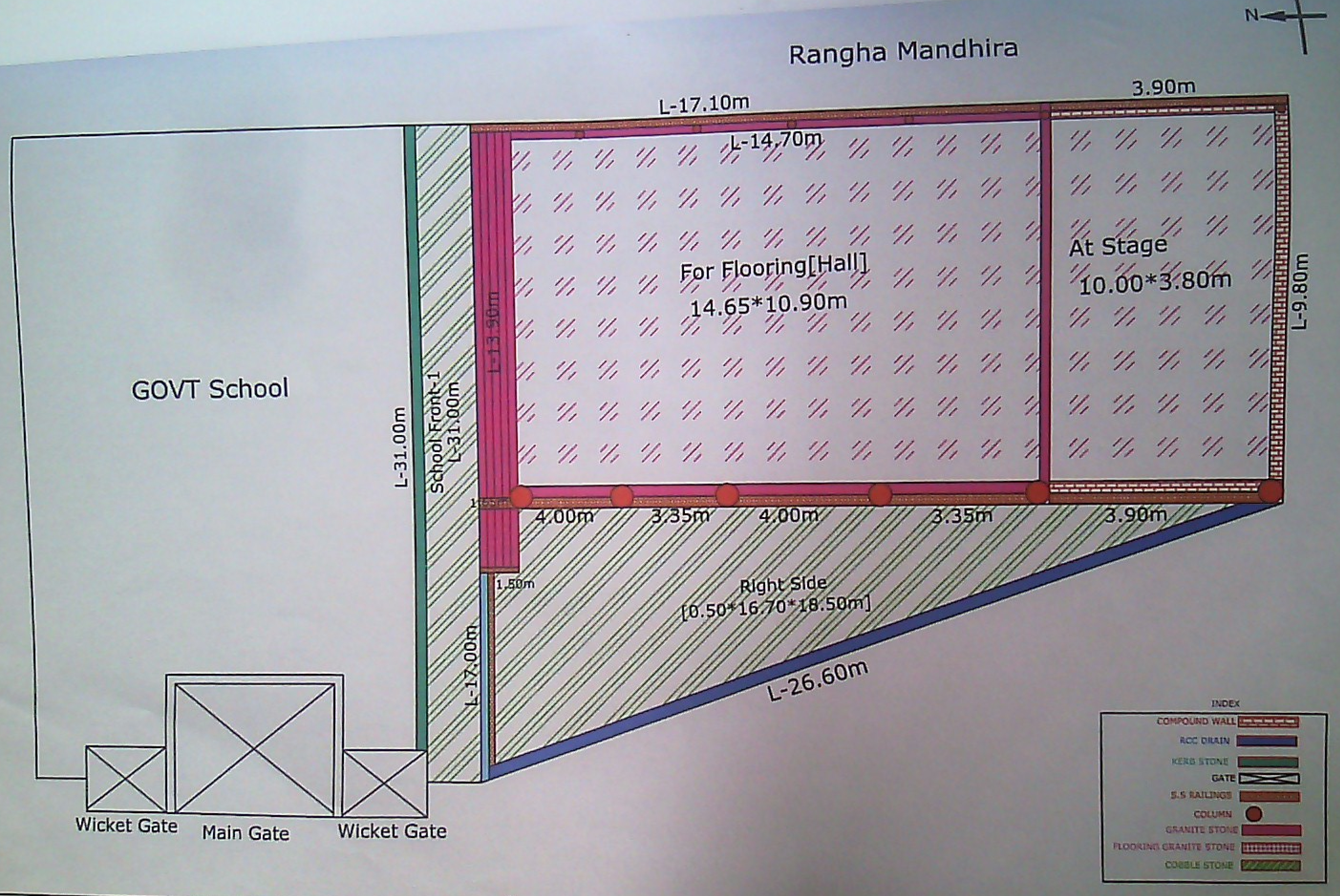
Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
76	Fixing all types and all capacities of fluorescent /false ceiling /spot light / CFL / LED fittings indoor on the wall/ ceiling /rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clA. On wall/ ceiling / Rafter / Girders								
	Doddbettahalli Govt School								
		20				20.00			
					Present Qty	**20.00**	**Each**	**121.05**	**2421.00**
								Sub Total	**8270334.00**
								GST 18%	**1488660.12**
								Grand Total	**9758994.12**

Contractor

Asst.Engineer

Asst.Exec.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106



BRUHAT BANGALORE
MAHANAGARA PALIKE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,

Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04